

## Java™ 2 Platform, Standard Edition, v1.2.2 API Specification

This document is the API specification of the Java 2 Platform, Standard Edition, version 1.2.2. For a searchable version of these API specifications, see [Search Engine for Documentation](#).

See:

[Description](#)

<b>Packages</b>	
<a href="#">java.applet</a>	Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context.
<a href="#">java.awt</a>	Contains all of the classes for creating user interfaces and for painting graphics and images.
<a href="#">java.awt.color</a>	Provides classes for color spaces.
<a href="#">java.awt.datatransfer</a>	Provides interfaces and classes for transferring data between and within applications.
<a href="#">java.awt.dnd</a>	Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI.
<a href="#">java.awt.event</a>	Provides interfaces and classes for dealing with different types of events fired by AWT components.
<a href="#">java.awt.font</a>	Provides classes and interface relating to fonts.
<a href="#">java.awt.geom</a>	Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry.
<a href="#">java.awt.im</a>	Provides classes and an interface for the input method framework.
<a href="#">java.awt.image</a>	Provides classes for creating and modifying images.
<a href="#">java.awt.image.renderable</a>	Provides classes and interfaces for producing rendering-independent images.
<a href="#">java.awt.print</a>	Provides classes and interfaces for a general printing API.
<a href="#">java.beans</a>	Contains classes related to Java Beans development.

<u>java.beans.beancontext</u>	Provides classes and interfaces relating to bean context.
<u>java.io</u>	Provides for system input and output through data streams, serialization and the file system.
<u>java.lang</u>	Provides classes that are fundamental to the design of the Java programming language.
<u>java.lang.ref</u>	Provides reference-object classes, which support a limited degree of interaction with the garbage collector.
<u>java.lang.reflect</u>	Provides classes and interfaces for obtaining reflective information about classes and objects.
<u>java.math</u>	Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal).
<u>java.net</u>	Provides the classes for implementing networking applications.
<u>java.rmi</u>	Provides the RMI package.
<u>java.rmi.activation</u>	Provides support for RMI Object Activation.
<u>java.rmi.dgc</u>	Provides classes and interface for RMI distributed garbage-collection (DGC).
<u>java.rmi.registry</u>	Provides a class and two interfaces for the RMI registry.
<u>java.rmi.server</u>	Provides classes and interfaces for supporting the server side of RMI.
<u>java.security</u>	Provides the classes and interfaces for the security framework.
<u>java.security.acl</u>	The classes and interfaces in this package have been superseded by classes in the java.security package.
<u>java.security.cert</u>	Provides classes and interfaces for parsing and managing certificates.
<u>java.security.interfaces</u>	Provides interfaces for generating RSA (Rivest, Shamir and Adleman Asymmetric Cipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as defined in NIST's FIPS-186.
<u>java.security.spec</u>	Provides classes and interfaces for key specifications and algorithm parameter specifications.
<u>java.sql</u>	Provides the JDBC package.

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<u><a href="#">java.text</a></u>	Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages.
<u><a href="#">java.util</a></u>	Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array).
<u><a href="#">java.util.jar</a></u>	Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file.
<u><a href="#">java.util.zip</a></u>	Provides classes for reading and writing the standard ZIP and GZIP file formats.
<u><a href="#">javax.accessibility</a></u>	Defines a contract between user-interface components and an assistive technology that provides access to those components.
<u><a href="#">javax.swing</a></u>	Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms.
<u><a href="#">javax.swing.border</a></u>	Provides classes and interface for drawing specialized borders around a Swing component.
<u><a href="#">javax.swing.colorchooser</a></u>	Contains classes and interfaces used by the JColorChooser component.
<u><a href="#">javax.swing.event</a></u>	Provides for events fired by Swing components.
<u><a href="#">javax.swing.filechooser</a></u>	Contains classes and interfaces used by the JFileChooser component.
<u><a href="#">javax.swing.plaf</a></u>	Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities.
<u><a href="#">javax.swing.plaf.basic</a></u>	Provides user interface objects built according to the Basic look-and-feel.
<u><a href="#">javax.swing.plaf.metal</a></u>	Provides user interface objects built according to the ``metal'' look-and-feel.
<u><a href="#">javax.swing.plaf.multi</a></u>	The multiplexing look and feel allows users to combine auxiliary look and feels with the default look and feel.
<u><a href="#">javax.swing.table</a></u>	Provides classes and interfaces for dealing with java.awt.swing.JTable.
<u><a href="#">javax.swing.text</a></u>	Provides classes and interfaces that deal with editable and noneditable text components.
<u><a href="#">javax.swing.text.html</a></u>	Provides the class HTMLEditorKit and supporting classes for creating HTML text editors.

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<a href="#"><u>javax.swing.text.html.parser</u></a>	
<a href="#"><u>javax.swing.text.rtf</u></a>	Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors.
<a href="#"><u>javax.swing.tree</u></a>	Provides classes and interfaces for dealing with java.awt.swing.JTree.
<a href="#"><u>javax.swing.undo</u></a>	Provides support for undo/redo capabilities in an application such as a text editor.
<a href="#"><u>org.omg.CORBA</u></a>	Provides the mapping of the OMG CORBA APIs to the Java™ programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB).
<a href="#"><u>org.omg.CORBA.DynAnyPackage</u></a>	Provides the exceptions used with the DynAny interface (InvalidValue, Invalid, InvalidSeq, and TypeMismatch).
<a href="#"><u>org.omg.CORBA.ORBPackage</u></a>	Provides the exception InvalidName, which is thrown by the method ORB.resolve_initial_references and the exception InconsistentTypeCode, which is thrown by the Dynamic Any creation methods in the ORB class.
<a href="#"><u>org.omg.CORBA.portable</u></a>	Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB.
<a href="#"><u>org.omg.CORBA.TypeCodePackage</u></a>	Provides the user-defined exceptions BadKind and Bounds, which are thrown by methods in the class TypeCode.
<a href="#"><u>org.omg.CosNaming</u></a>	Provides the naming service for Java IDL.
<a href="#"><u>org.omg.CosNaming.NamingContextPackage</u></a>	Provides the exceptions used in the package org.omg.CosNaming (AlreadyBound, CannotProceed, InvalidName, NotEmpty, and NotFound) and also the Helper and Holder classes for those exceptions.

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